

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

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CATEGORY: Control Units (High-Rise)

LISTEE: Johnson Controls Inc, 507 E. Michigan St., Milwaukee, WI 53202-5211
Contact: James D. Kinney (414) 524-4358 Fax (414) 276-5979

DESIGN: Model IFC-400 fire alarm control unit. Automatic, manual, coded, non-coded, local, auxiliary, remote station (PPU), proprietary (PPU) and central station (PPU). Also suitable for waterflow and sprinkler supervisory service. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

CPU-400	CPU Board
MPS-400	Power Supply Board
CAB Series*	Enclosure
4XTM	Transmitter Module
BB-17/-55	Battery box
MMX-1/-101	Monitor Module
ISO-X	Isolator Module
N-ELR/A2143-00	EOL Resistor
CMX-1	Control Module
XPP-1/XPM-8/XPR-8/XPC-8	XP Transponder
XDP	Transponder Dress Panel
ACT-1	Audio Coupling Transformer
CRT-2	Terminal with Keyboard
AA-30/-100/-120	Audio Amplifier
AMG-1/-E	Audio Message Generator
ATG-2	Audio Tone Generator
DCM-4	Dual Channel Module
FFT-7/-7S	Firefighter's Telephone
FHS	Fireman's Handset
FPJ/-1	Fireman's Phone Jack
VCE-4	Voice Control Expander
VCM-4	Voice Control Module
ARM-4	Auxiliary Relay Module
AVPS-24	Audio/Visual Power Supply
CRE-4	Control Relay Expander
CRM-4	Control Relay Module
FCPS-24	Field Charger Power Supply
FKS-2400	Modem
ICE-4	Indicating Control Expander
ICM-4	Indicating Control Module
NIB-96	Network Interface Board
NR45-24	Notifier Remote Battery Charger
RPT-485F/-W/-WF	EIA-485 Repeater
UZC-256	Universal Zone Coder
MP-1/DP-1/-3/-400AA	Dress Panel
DPSW-1/DPDW-1/DP-400	Dress Panel
BM-1	Blank Module

TR-500	Trim Ring
*NAM-232	Network Adapter Module
*MPS-24A/-24B	Main Power Supplies
*ABS-4D	Annunciator Backbox
*INA	Remote Annunciator
*ADP-4	Dress Panel

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating and UL label.

APPROVAL: Listed as fire alarm control unit suitable for high rise application when used in conjunction with separately listed compatible initiating and indicating devices.
This control unit can generate the temporal code pattern fire alarm signal as required per NFPA 72, 1999 Edition. Refer to manufacturer's Installation Manual for details.

NOTE: For Fire Alarm Verification Feature, the maximum Retard/Reset/Restart period must be adjusted to 30 seconds or less.

XLF: 7170-0028:182

*Rev. 2-04-2003KK



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 10, 2003**

*Listing Expires **June 30, 2004***

Authorized By: **DIANE K. AREND, Senior Deputy**
Program Manager